



County Borough of Southampton.

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# Annual Report

ON THE  
SCHOOL MEDICAL SERVICE  
for the Year 1945

BY


H. C. MAURICE WILLIAMS, O.B.E.

M.R.C.S., L.R.C.P. D.P.H.,

*School Medical Officer and Medical Officer of Health*

TO THE

*County Borough and Port of Southampton.*



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COUNTY BOROUGH of SOUTHAMPTON  
1945

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ANNUAL REPORT  
OF THE  
**Medical Officer to the Education Committee**  
ON THE  
SCHOOL MEDICAL SERVICE

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*To the Chairman and Members of the Education Committee.*

LADIES AND GENTLEMEN,

As Medical Officer to the Education Committee, I have the honour to submit my Fifteenth Annual Report. This document is the thirty-eighth in the series which deals with the work of medical inspection, treatment, and the physical condition of children attending Schools in the County Borough.

Although, happily, hostilities have ceased, I have not attempted to give a comprehensive survey of the work of the Service as has been my practice in pre-war years, but have again confined the report to the more essential statistical tables, and my remarks in this introduction to those matters which appear to call for special comment.

The Medical Inspection of school children was continued during the year, but owing to a further reduction in the medical staff, it was not possible to visit all the schools.

The rapid survey of those children not included in the three code age groups was discontinued during the latter part of the year, thus allowing a larger number of children to receive full routine inspection.

The routine cleanliness examinations took place at the commencement of each term, and all the schools were visited by the Health Visitors. All children found with nits or vermin were issued with a Form B. excluding them from attendance at school for 24 hours, and giving instructions to attend at the School Clinic for examination before returning to school. Every child excluded from school for this reason was re-examined at least once a month by the Health Visitors for the remainder of the term.



Certain of the old offenders were still found to be unclean on examination and where I considered such action to be warranted the Scabies Order of 1941 was employed, and in those cases where the instructions under the Order were disregarded legal proceedings were instituted.

The number of cases of uncleanliness during the year totalled 1,125 as compared with 1,004 cases during 1944, but this increase is not considered to be alarming in view of the fact that the Health Visitors carried out an additional 18,076 examinations during the year under review. Details of the work undertaken in connection with uncleanliness are given on page 10.

The incidence of scabies again showed a slight decrease during 1945 as compared with the previous year, 2,413 patients receiving treatment at the Treatment Centres.

The facilities for Remedial Exercises for school children were again extended during 1945 and a total of 16 centres are now established in the Schools where special Remedial Exercises for the correction of mild postural defects and flat feet are given. The work of these centres is carried out under the supervision of the Physical Training Organiser and the cases attending are kept under the observation of an Assistant School Medical Officer who visits the centres at monthly intervals. The centres are also visited by the Orthopaedic Surgeon from Alton, who reports favourably on the excellent progress made in this branch of the work.

The medical examination of the pre-school children attending the Day Nurseries is carried out by an Assistant School Medical Officer at monthly intervals, and children found to be suffering from defective conditions are referred either to private practitioners or to the appropriate clinics where the full facilities provided are made available.

Dental Inspection at the Day Nurseries is also carried out and again the facilities for treatment are made available for children referred for treatment by the dentist.

Facilities existed throughout the year for the provision of meals for school children and a considerable increase in the total number of meals supplied has been recorded. Detailed statistics concerning the provision of meals, together with details in connection with the supply of Cod Liver Oil and Malt, will be found on page 23.

During the year 2,621,806 third-pints of milk were consumed by children in school, 2,443,738 on payment and 178,068 free. The number of individual children served was 15,209, of whom 13,998 were supplied on payment and 1,211 were supplied free.

A branch clinic at Aldermoor School was opened in April, 1945, to cater for those children who in the past have had to travel some considerable distance to obtain treatment at Shirley Warren Branch Clinic. A Health Visitor attends the Clinic daily for the treatment of minor ailments and minor skin conditions.

During the year the new Dental Consent Scheme was put into general operation. Under this scheme parental consent to dental treatment is solicited for a child's whole school life, whereas in the past parental consent had to be obtained on each occasion when treatment was found to be necessary. Where the administration of a general anaesthetic is desirable, however, a separate form of consent is obtained.

In an effort to encourage the greater acceptance of diphtheria immunisation, a publicity campaign was arranged in May, lasting for approximately six weeks. This local campaign coincided with a similar appeal by the Ministry of Health, and full use was made of press advertisements, with film shows at schools and slides at local cinemas. In addition, attractive window displays depicting a case of diphtheria in hospital with a doctor and nurse in attendance were arranged at shop premises. A personal letter to parents was prepared and printed for distribution by the Head Teachers at the schools. The result of the campaign was most encouraging as is shown by the fact that 3,403 children received first injections and 3,095 second injections, as compared with the previous year's figures of 1,100 and 1,186 respectively. In addition 1,491 children who were previously immunised received an additional injection to ensure that full immunity was maintained.

The introduction of the Education Act, 1944, has considerable effect on the policy and work of the School Medical Service. Hitherto the medical examination of children has not been compulsory, but under the new Act unless reasonable excuse can be furnished by a parent, it is an obligation to present a child for medical examination when instructed.

The financial responsibility for the treatment of children attending maintained schools, both at Clinics and Hospitals, together with the provision of surgical appliances and glasses, now becomes a matter for the local Education Authority, who under the new Act are instructed to provide comprehensive facilities for free medical treatment.

Changes have also taken place in the categories of children suffering from physical handicaps or educational subnormality.

Dr. W. L. M. Bigby was transferred to the staff of the School Medical Department following the closing down of A.R.P. Medical Services. Dr. Bigby undertook duties from the 30th June to the 31st August, when he returned to private practice. Dr. E. L. Peet terminated her duties on the 1st October, 1945. Miss L. Ewart was appointed as temporary full-time dental officer on the 14th August, 1945. Other changes have taken place amongst the Health Visitors and clerical staff of the School Medical Service.

I recognise gratefully the support and encouragement which I have received at all times from the Chairman and Members of the

School Clinic (Joint) Sub-Committee, and the courtesy with which they have considered my many suggestions and recommendations.

In conclusion, I desire to thank the Education Department, the Teachers, the National Society for the Prevention of Cruelty to Children, the Southampton Mental Welfare Association, and the staffs of the Voluntary Hospitals for their co-operation and valuable assistance.

I wish to express my appreciation and thanks to all the members of the Medical, Dental, Nursing and Clerical Staff for their ready, willing and conscientious work performed under many difficulties, and involving since the outbreak of war many duties outside their normal appointments.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

*A. C. Munnice. Zichman?*

School Medical Officer.



# SCHOOL MEDICAL INSPECTION

## AND HYGIENE

### MEDICAL INSPECTION.

The following table shows the number of children examined under the Routine Age Groups.

			Entrants.		Intermediates.		Leavers.	
			Boys	Girls	Boys	Girls	Boys	Girls
Aldermoor	...	...	41	43	1	2	—	—
Bassett Green	...	...	44	50	82	61	—	—
Bitterne C. of E.	...	...	41	35	8	3	28	20
Bitterne Grammar	...	...	—	—	—	34	18	50
Bitterne Manor	...	...	25	29	15	14	—	—
Bitterne Park	...	...	41	41	31	27	47	51
Central	...	...	73	78	28	86	—	157
Freemantle	...	...	32	28	13	—	23	—
Girls Grammar	...	...	—	—	—	64	15	84
Highfield	...	...	45	30	14	18	—	—
King Edward VI.	...	...	—	—	107	—	87	—
Ludlow Road	...	...	36	46	43	35	66	78
Merry Oak	...	...	—	—	9	—	114	—
Mount Pleasant	...	...	44	36	—	—	—	—
Northam	...	...	2	4	18	14	—	—
Portswood	...	...	22	19	17	16	40	38
Regent's Park	...	...	69	53	39	32	57	34
St. Anne's	...	...	—	—	—	70	17	131
St. Joseph's	...	...	3	1	2	2	5	6
St. Jude's	...	...	25	27	—	—	—	—
St. Deny's	...	...	17	45	25	23	35	41
St. Mark's	...	...	13	21	14	12	—	—
Shirley	...	...	86	70	49	55	39	32
Shirley Warren	...	...	—	—	8	7	103	93
Springhill	...	...	34	20	31	26	10	24
Sholing	...	...	84	81	—	4	—	32
Westfield Hall	...	...	13	14	4	11	—	—
Western	...	...	43	47	73	23	68	—
Woolston	...	...	16	15	20	18	37	14
Woolston R.C.	...	...	19	20	9	11	—	3
TOTALS			868	853	660	668	809	888

Total Number of Children      ...      ...      4,746

## ATTENDANCE OF PARENTS.

The following table shows the attendance of parents during the year, with comparative figures for the previous five years.

AGE GROUP	Number of Children Inspected	Number of Parents Present	Percentages in					
			1945	1944	1943	1942	1941	1940
<b>12 years.</b>								
Boys	809	226						
Girls	888	432						
	—1697	— 658	38.7	30.2	37.5	66.8	65.0	71.6
<b>8 years.</b>								
Boys	660	460						
Girls	668	492						
	—1328	— 952	71.7	60.3	59.9	77.5	73.7	88.8
<b>Entrants.</b>								
Boys	868	722						
Girls	853	741						
	—1721	—1463	85.0	85.2	82.2	85.6	87.2	95.8
<b>Totals</b>	<b>4746</b>	<b>3073</b>	<b>64.7</b>	<b>61.9</b>	<b>64.2</b>	<b>82.2</b>	<b>82.7</b>	<b>79.2</b>



## FINDINGS AT MEDICAL INSPECTION.

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### WEIGHT, HEIGHT AND CHEST MEASUREMENTS.

The weight and measurements of each child to be medically examined at routine inspections are ascertained by a Health Visitor.

The statistics given below for the routine age groups have been obtained by the same methods as in previous years, and comparative figures for the previous five years are also given.

### COMPARATIVE TABLE OF CODE AGE PERIODS.

#### BOYS.

	WEIGHT	HEIGHT	CHEST MEASUREMENT
12 Years (Leavers).	st. lbs. ozs.	inches.	inches.
1945	5 6 13.0	56.0	25.5
1944	5 9 5.5	56.6	26.7
1943	5 4 5.2	54.3	25.6
1942	5 0 1.9	54.5	25.3
1941	5 8 3.4	54.9	26.1
1940	5 3 6.8	55.0	25.5
8 Years (Intermediates).			
1945	3 10 11.7	50.4	22.3
1944	3 11 10.8	48.2	23.1
1943	3 12 3.1	48.5	23.0
1942	3 7 14.0	47.5	22.8
1941	3 9 14.1	49.1	25.7
1940	3 10 9.3	48.0	22.2
5 Years.			
1945	2 13 8.8	42.2	19.7
1944	2 13 9.1	42.6	21.7
1943	3 0 10.4	43.2	21.6
1942	2 13 8.5	41.8	21.3
1941	3 0 6.0	42.6	21.3
1940	3 0 2.7	42.9	20.7

COMPARATIVE TABLE OF CODE AGE PERIODS.—Continued.

GIRLS.

	WEIGHT	HEIGHT	CHEST MEASUREMENT
12 Years (Leavers).	st. lbs. ozs.	inches.	inches.
1945	5 11 15.3	58.0	26.6
1944	5 10 13.6	56.7	27.2
1943	5 4 9.5	55.6	26.1
1942	5 4 2.7	55.0	25.1
1941	5 9 2.8	55.8	26.3
1940	5 6 12.5	55.8	25.6
8 Years (Intermediates).			
1945	3 8 13.1	48.0	21.5
1944	3 9 10.1	48.2	22.6
1943	3 10 12.4	48.4	22.4
1942	3 8 7.1	47.6	22.4
1941	3 10 0.7	47.9	22.7
1940	3 9 4.8	48.1	22.0
5 Years.			
1945	2 13 2.4	42.6	19.3
1944	2 12 14.8	42.5	21.2
1943	2 12 14.5	42.8	21.0
1942	2 12 14.0	42.3	20.8
1941	2 12 1.2	42.4	20.9
1940	3 0 3.2	41.8	20.0

CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED DURING THE YEAR  
IN THE ROUTINE AGE GROUPS.

Age Groups.	No. Inspected.	A.		B.		C.		D.	
		No.	Excellent. %	No.	Normal. %	No.	Slightly Sub-normal. %	No.	Bad. %
Entrants ...	1721	257	14.9	1184	68.7	282	16.3	—	—
Second Age Group ...	1328	342	25.3	843	63.4	142	10.7	—	—
Third Age Group ...	1697	501	29.5	1080	63.6	115	6.7	—	—
Totals ...	4746	1100	23.2	3107	65.5	539	11.3	—	—



## CLEANLINESS.

The Health Visitors have continued to carry out their periodic cleanliness examinations of all the children attending school. As a result of 75,209 examinations, 1,466 Forms B necessitating exclusion from school were issued.

In Southampton facilities are provided at the School Clinics for the cleansing of the children found unclean. The following details show the work performed :—

Number of individual children cleansed ... 1,125

Of this number 829 children attended once.

„	„	187	„	„	twice.
„	„	67	„	„	three times.
„	„	27	„	„	four times.
„	„	7	„	„	five times.
„	„	6	„	„	six times.
„	„	1	„	„	seven times.
„	„	1	„	„	eight times.

Total	1,125
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There were, therefore, 1,598 attendances for cleansing, and in each case complete treatment was given.

## DEFECTIVE VISION AND EYE DISEASE.

The following table shows the incidence of eye defects in the various age groups :—

DEFECTS OF THE EYES REQUIRING TREATMENT OR OBSERVATION  
FOUND AT ROUTINE MEDICAL INSPECTION, 1945.

Age Group.	Number Examined.	Defective Vision.		Squint.		Other Conditions.		Total.	
		No.	%	No.	%	No.	%	No.	%
Entrants ...	1721	130	7.5	43	2.4	12	.7	185	10.7
Intermediates...	1328	214	16.1	41	3.0	5	.3	260	19.6
Leavers ...	1697	300	17.7	16	.9	4	.3	320	18.9
Totals ...	4746	644	13.5	100	2.1	21	.4	765	16.1

## CHRONIC TONSILITIS AND ADENOIDS.

The following table gives details of the defects found in the various age groups :—

### DEFECTS FOUND AT ROUTINE MEDICAL INSPECTION REQUIRING TREATMENT OR OBSERVATION, 1945.

Age Group.	Number Examined.	Chronic Tonsilitis.		Chronic Adenoids.		Tonsilitis and Adenoids.		Total.	
		No.	%	No.	%	No.	%	No.	%
Entrants, 5-6 years ...	1721	20	1.1	14	.8	1071	62.2	1105	64.2
Intermediates, 8 years ...	1328	48	3.6	10	.7	444	33.4	502	37.8
Leavers, 12 years ...	1697	24	1.4	4	.2	416	24.5	444	26.1
Totals ...	4746	92	1.9	28	.6	1931	40.7	2051	43.2

## EAR DISEASE AND DEFECTIVE HEARING.

The following table shows details of the defects found in the various age groups :—

### DEFECTS FOUND AT ROUTINE MEDICAL INSPECTION REQUIRING TREATMENT OR OBSERVATION, 1945.

Age Group.	Number Examined.	Ear Disease.		Defective Hearing.		Total.	
		No.	%	No.	%	No.	%
Entrants, 5-6 years ...	1721	8	.4	7	.4	15	.9
Intermediates, 8 years ...	1328	4	.3	9	.7	13	1.0
Leavers, 12 years ...	1697	2	.1	3	.2	5	.3
Totals ...	4746	14	.3	19	.4	33	.7

## ORTHOPAEDIC AND POSTURAL DEFECTS.

DEFECTS FOUND AT ROUTINE MEDICAL INSPECTION REQUIRING  
TREATMENT OR OBSERVATION, 1945.

Age Group.	Number Examined.	Rickets.		Spinal Curvature.		Other Deformities.		Total.	
		No.	%	No.	%	No.	%	No.	%
Entrants	... 1721	1	—	191	11.1	932	54.1	1124	65.3
Intermediates	... 1328	—	—	243	18.3	634	47.7	877	66.0
Leavers	... 1697	—	—	223	13.2	617	36.3	840	49.5
Totals	... 4746	1	—	657	13.8	2183	45.9	2841	59.8

## TUBERCULOSIS.

The following table gives details of the notifications of tuberculosis in school children during the year :—

Location of Disease.		Boys.	Girls.	Total.
Pulmonary Tuberculosis	...	9	8	17
Non-Pulmonary Tuberculosis		9	10	19
Totals	... ..	18	18	36



## FOLLOWING UP.

The following up of the defects found to require treatment or observation may be divided into two sections, namely, the re-examination by Medical Officers of the cases referred at routine medical inspection, and the subsequent following up by Health Visitors of the cases for which treatment has not been obtained.

### HEALTH VISITING WORK.

Visits paid to the homes of:—

Dental Cases	...	...	...	20
Vision Cases	...	...	...	309
Ear, Nose, and Throat Cases			...	171
Skin Cases	...	...	...	1248
General Cases	...	...	...	546
Orthopaedic Cases		...	...	187
			—	2481
Visits paid to schools...		...	...	1906
			—	4387

# MUNICIPAL HEALTH CLINICS

## EXTERNAL EYE DISEASE AND DEFECTIVE VISION.

The following table gives details of the work carried out by the Specialist :—

	1945.	1944.	1943.
Attendances at the Clinic ... ..	2,328	2,359	1,957
Individual children seen by the Specialist ... ..	1,272	1,209	990
Submitted to refraction ... ..	428	423	291
Glasses prescribed ... ..	319	328	310
Received other treatment ... ..	54	47	38
Placed under observation ... ..	700	807	628
Found not to require treatment or observation ... ..	113	13	23
	Pre-School Cases.	School Cases.	Total.
Number of Children for whom Spectacles were :—			
(A) Prescribed ... ..	—	319	319
(B) Obtained ... ..	—	309	309

## EAR, NOSE, AND THROAT CLINIC.

A total of 1,544 attendances were made by children during the year for examination and treatment by the Surgeon at the Ear, Nose, and Throat Clinic.

Operative treatment was carried out in respect of 146 children, while 499 children received other forms of treatment.

The following table gives details of the defects treated during the year :—

CONGENITAL—				Plantar Wart ... ..	8
Syndactyly ... ..	6	Baker's Cyst ... ..	3		
Talipes ... ..	23	Lipoma ... ..	1		
Calcaneo Valgus ... ..	1	Other Forms ... ..	95		
Equino Varus ... ..	1				
Equino Cavus ... ..	1	RICKETS—			
Torticollis ... ..	18	Genu Valgum ... ..	313		
Spine ... ..	1	Genu Varum ... ..	6		
Spina Bifida ... ..	6	Active ... ..	1		
Dislocation of Hip ... ..	9	Other Forms ... ..	7		
Dislocation Patellae ... ..	1				
Short Leg ... ..	5	INFLAMMATIONS—			
Cleft Lip and Palate ... ..	6	Arthritis ... ..	9		
Cleft Lip ... ..	4	Osteomyelitis ... ..	6		
Cleft Palate ... ..	4	Osteochondritis ... ..	4		
Kleppel Fail Syndrome ... ..	1	Synovitis ... ..	2		
Choreo Athetosis ... ..	2	Other Forms ... ..	1		
Ataxia ... ..	1				
Ptosis both Lids ... ..	1	PARALYSIS—			
Multiple Deformities ... ..	1	Erb's Palsy ... ..	5		
Deformity Left Pinna... ..	1	A.P.M. ... ..	23		
Other Forms ... ..	13	Spastic Hemiplegia ... ..	5		
		Spastic Paraplegia ... ..	9		
TRAUMATIC—				Spastic Monoplegia ... ..	3
Old Fracture ... ..	1	Bell's Paralysis ... ..	1		
Scarring ... ..	1				
Fractured Spine ... ..	1	TUBERCULOSIS—			
Other Forms ... ..	2	Spine ... ..	4		
		Hip ... ..	9		
OTHERS—				Upper Limb ... ..	8
Kypholordosis ... ..	7	Lower Limb ... ..	6		
Kyphosis ... ..	13	Other Formis ... ..	8		
Scoliosis ... ..	94	Various other conditions—			
Lordosis ... ..	5	Psoas Abscess ... ..	1		
Poor Posture ... ..	195	Osteogenesis Imperfecta ... ..	1		
Pes Planus ... ..	262	Pseudo Hypertrophic Muscular			
Pes Cavus ... ..	13	Dystrophy ... ..	1		
Pes Valgus ... ..	93	Epiphysitis ... ..	2		
Pes Varus ... ..	1	Epiphyseal Dystrophy ... ..	1		
Hallux Valgus ... ..	69	Koehler's Disease ... ..	1		
Hallux Rigidus ... ..	1				
Hallux Varus ... ..	1				
Metatarsus Varus ... ..	6				
Coxa Valga ... ..	1				
Coxa Vara ... ..	1				
Other Foot Deformities ... ..	192				
					1609



# ANALYSIS OF ATTENDANCES AT THE ORTHOPAEDIC CLINIC, 1945.

Classification.	Under School Age.		School Age.		Over School Age.		Total.	
	New	Old	New	Old	New	Old	New	Old
Tuberculosis— Spine      ...	—	—	—	2	—	6	—	8
Hips      ...	—	—	—	15	1	5	1	20
Other Joints      ...	1	5	3	37	1	5	5	47
Other Crippling Diseases— Feet and others      ...	89	216	455	925	7	26	551	1167
Spine      ...	10	26	189	168	2	4	201	198
Rickets      ...	1	—	1	1	—	—	2	1
Total      ...	101	247	648	1148	11	46	760	1441
Cases from County ...	—	—	—	—	—	—	9	13
						Total	769	1454

## RHEUMATISM AND HEART CLINIC.

TABLE A.

Under supervision, January, 1945	...	...	50
Number seen for first time in 1945	...	...	63
Discharged in 1945	...	...	20
Under supervision, December, 1945	...	...	93
Total number of visits	...	...	370

TABLE B.

New Cases :—

History of—

Rheumatic Fever	...	...	...	1
Rheumatic Pains	...	...	...	55
Suspected Rheumatic Pains	...	...	...	17
Chorea	...	...	...	7

TABLE C.

Of the new cases, the following were suspected or showed evidence of cardiac abnormality :—

Definite Carditis	...	...	...	14
Suspected	...	...	...	4
Congenital abnormality	...	...	...	18
Functional	...	...	...	13
Myocarditis	...	...	...	1

TABLE D.

Recommendation made during the year with regard to individual children :—

Recommended admission to Hospital,	Hospital			
School, etc.	...	...	...	2
Private doctor	...	...	...	5
Other Clinics	...	...	...	19
Stopped Physical Training	...	...	...	10
Physical Training resumed	...	...	...	—
Unfit for any school	...	...	...	—

## SPEECH CLINIC.

1.	No. of sessions conducted by Speech Therapist	...	42
2.	No. of treatments given	...	282
3.	No. of Consultations	...	12
4.	No. of New cases admitted during the year	...	12
5.	No. of cases discharged	...	13
6.	No. of children on register, December, 1945...	...	22

# ARTIFICIAL SUNLIGHT CLINIC.

	Mount Pleasant School Clinic			Itchen School Clinic			Borough Hospital Branch Clinic		
	School	Pre- School	Total	School	Pre- School	Total	School	Pre- School	Total
Children who at- tended for the first time in 1945 ...	218	117	335	149	107	256	22	14	36
Number of attend- ances in 1945 ...	2852	1499	4351	3929	2404	6333	517	106	623

## ASTHMA CLINIC.

	Boys.	Girls.	Total.
Number of cases treated ...	45	20	65
Average age at onset ... (years)	3.5	3.0	
PROGRESS—			
Greatly improved ...	4	3	7
Improved ...	19	7	26
No change...	19	8	27
Worse ...	3	2	5

## MUNICIPAL CLINICS.

Appended is a summary of the attendances made at the various Clinics during the year :—

Clinic.	Mount Pleasant	Itchen	East Park Terrace	Branch Clinics	Total
Dental Clinic ...	—	2592	4426	547	7565
Skin Clinic ...	14402	4040	—	8435	26877
General Inspection...	3952	1205	—	—	5157
Asthma Clinic ...	378	—	—	—	378
Rheumatism Clinic ...	370	—	—	—	370
Sunlight Clinic ...	4351	6333	—	623	11307
Ophthalmic Clinic ...	2328	—	—	—	2328
Ear, Nose and Throat Clinic ...	1544	—	—	—	1544
Orthopaedic Clinic ...	2223	—	—	—	2223
Special Cases ...	132	—	—	—	132
Evacuation Cases ...	12	—	—	—	12
Immunisation Clinic ...	1583	1227	—	1231	4041
Totals ...	31275	15397	4426	10836	61934



## INFECTIOUS DISEASE.

The notifications received from the Head Teachers during the year are summarised in the following table :—

School.	Scarlet Fever.	Diph- theria.	Measles.	Chicken Pox.	Whooping Cough.	Mumps.
Aldermoor ...	4	—	4	13	1	1
Bassett Green...	5	1	61	28	3	2
Bevois Town ...	1	1	22	8	—	—
Bitterne C.E. ...	12	—	86	2	16	5
Bitterne Manor ...	1	—	13	2	17	1
Bitterne Park...	14	—	71	19	7	27
Central ...	9	—	89	19	23	91
Coxford ...	2	1	2	2	4	12
Deanery and Eastern	4	1	28	9	17	3
Foundry Lane ...	3	—	—	4	3	3
Freemantle ...	6	—	5	4	8	4
Highfield ...	2	—	2	11	7	1
Laundry Road ...	—	—	31	12	1	20
Ludlow ...	18	—	62	39	36	3
Merry Oak ...	5	—	2	10	—	—
Mount Pleasant ...	2	—	35	34	14	37
Northam ...	4	—	54	15	5	11
Portswood ...	3	1	80	1	5	2
Regents Park ...	5	1	94	36	16	12
Shirley ...	5	—	104	72	17	—
Shirley Warren ...	2	—	11	5	1	22
Sholing ...	31	—	194	11	27	3
Springhill ...	3	—	15	2	9	—
Station Road ...	12	—	38	—	15	—
St. Deny's ...	2	9	29	69	7	8
St. John's ...	1	—	24	—	1	—
St. Joseph's ...	1	—	4	—	—	5
St. Jude's ...	1	—	31	6	1	1
St. Mark's ...	1	—	—	—	4	—
St. Mary's ...	1	—	12	3	4	5
Swaythling ...	5	—	17	10	9	8
Westfield Hall ...	—	—	18	3	3	—
Western ...	6	—	34	52	3	4
Woolston ...	2	1	44	2	—	25
Woolston R.C. ...	—	—	—	—	—	—
Junior Technical ...	—	—	—	—	—	1
Totals ...	173	16	1315	501	284	323

## DIPHTHERIA IMMUNISATION, 1945.

The following table gives details of the treatment undertaken during the year :—

Number of new cases	...	...	...	3403
Number of Protective Injections :—				
Toxoid Antitoxin Floccules	First Injection			1
„ „ „	Second Injection			4
„ „ „	Third Injection			4
Alum Precipitated Toxoid	First Injection			3402
„ „ „	Second Injection			3091
„ „ „	Additional „			1491
				<hr/>
				7993
				<hr/>
Number of Primary Schick Tests	...	...	...	Nil
Number of Post Schick Tests	...	...	...	Nil

## CHILDREN EXCLUDED FROM SCHOOL, 1945.

The following are particulars of the defects for which children were excluded from School as required by the code.

Adenitis	...	...	...	9
„ (T.B.)	...	...	...	7
Adenoid Operations	...	...	...	1
Bronchitis	...	...	...	24
Chicken Pox	...	...	...	13
Chorea	...	...	...	3
Conjunctivitis	...	...	...	3
Debility	...	...	...	4
Eczena	...	...	...	5
Glands	...	...	...	1
Heart Disease	...	...	...	3
Herpes	...	...	...	4
Impetigo	...	...	...	139
Mastoid	...	...	...	1
Measles	...	...	...	3
Miscellaneous	...	...	...	560
Mumps	...	...	...	22
Otitis Media	...	...	...	5
Otorrhea	...	...	...	7
Pediculosis Capitis	...	...	...	1466
Pleurisy	...	...	...	2
Rheumatism	...	...	...	9
Ringworm	...	...	...	30
Scabies	...	...	...	292
Sores	...	...	...	54
Tonsil and Adenoid Operations	...	...	...	158
Tonsilitis	...	...	...	48
Urticaria	...	...	...	1
Whooping Cough	...	...	...	7
TOTAL				2,881

## PROVISION OF MEALS.

The total number of meals served during the year ended 31st December, 1945, was 800,197 ; of this number 716,527 were supplied on payment and 83,670 were supplied free.

The average number of children for whom meals were provided at all the Centres was 5,061, and these were drawn from the following Schools :—

Aldermoor	...	...	218	Portswood	...	...	127
Ascupart	...	...	90	Pre-Nursing	...	...	10
Bassett Green	...	...	188	Regent's Park	...	...	173
Bitterne C.E.	...	...	165	St. Denys	...	...	151
Bitterne Park	...	...	358	St. Mary's	...	...	39
Bitterne Manor	...	...	72	St. Mark's	...	...	41
Central	...	...	194	St. Monica Road	...	...	96
Coxford	...	...	84	St. Jude's	...	...	34
Deanery	...	...	32	St. John's	...	...	36
Foundry Lane	...	...	288	St. Joseph's	...	...	50
Freemantle	...	...	85	Shirley Warren	...	...	226
Highfield	...	...	86	Shirley	...	...	162
Itchen Secondary	...	...	150	Springhill Boys	...	...	66
Junior Technical	...	...	108	Springhill Girls	...	...	154
Ludlow Road	...	...	255	Springhill Infants	...	...	84
Middle Road Junior	...	...	80	Western Sec. Mixed	...	...	105
Middle Road Infants	...	...	52	Woolston Sec. Mixed	...	...	69
Middle Road Sec.	...	...	77	Woolston Infants	...	...	28
Merry Oak	...	...	91	Woolston R.C....	...	...	41
Mount Pleasant Infants	...	...	63	Swaythling Boys & Girls	...	...	66
Mount Pleasant Sec.	...	...	56	Swaythling Jun. & Inf.	...	...	59
Northam Junior	...	...	42	Taunton's Grammar	...	...	389

## COD LIVER OIL AND MALT.

Number of recommendations made for the supply of Cod

Liver Oil and Malt during 1945	...	...	...	485
Number of children supplied on payment	...	...	...	2761
Number of children supplied free	...	...	...	568
Number of children receiving Cod Liver Oil and Malt at home	...	...	...	37
				<hr/> 3,366 <hr/>



## SOUTHAMPTON MENTAL WELFARE ASSOCIATION.

There were 50 Education cases on the Register of this Association on the 31st December, 1945, classified into the following grades :—

Under the age of 14 years.

	Boys.	Girls.	Total.	
Feeble-minded ...	8	10	18	
Imbecile ...	3	3	6	
			—	24

Over the age of 14 years.

Feeble-minded ...	11	13	24	
Imbecile ...	1	1	2	
			—	26
				—
				50
				—

During the year 120 visits were paid to the homes of these children, and reports on the home circumstances and their general behaviour were sent to the Chief Education Officer and the School Medical Officer.

New cases during the year numbered 13.

The following cases were withdrawn :—

Placed in Certified Institutions ...	...	1
Placed under Statutory Supervision ...	...	3
Transferred to Voluntary Supervision on attain-		
ing the age of 16 years ...	...	5
Placed in Special Residential Schools ...	...	2
Cases untraced ...	...	1

# MEDICAL INSPECTION AT OCCUPATION CENTRE.

14TH JULY, 1945.

Number of Examinations ...	...	...	18
Number of Parents present	...	...	10

DEFECT				REFERRED FOR	
				TREATMENT	OBSERVATION
Defective Vision	...	...		1	—
Teeth	...	...	...	3	—
Other Ear Diseases	...	...		1	—
Tonsils	...	...	...	—	1
Speech	...	...	...	—	3
Nervous System	...	...		—	1
Other Defects and Diseases		...		—	2

# TABLE I.

Return of Medical Inspections, 31st December, 1945.

## A.—ROUTINE MEDICAL INSPECTIONS.

Number of Inspections in the prescribed Groups :—

Entrants	...	...	...	...	1721
Second Age Group	...	...	...	...	1328
Third Age Group	...	...	...	...	1697
Number of other Routine Inspections			...	...	—
			Total	...	4746

## B.—OTHER INSPECTIONS.

Number of Special Inspections and Re-Inspections ... 21191

## C.—CHILDREN FOUND TO REQUIRE TREATMENT.

Group. (1)	For defective vision (excluding squint), (2)	For all other conditions recorded in Table II A. (3)	Total. (4)
Entrants ... ..	72	841	907
Second Age Group ... ..	76	475	489
Third Age Group ... ..	124	390	404
Total (Prescribed Groups) ...	272	1706	1800
Other Routine Inspections...	—	—	—
Grand Total ... ..	272	1706	1800

TABLE II.

A.—Return of Defects found by Medical Inspection in the year  
ended 31st December, 1945.

Defect or Disease.						Routine Inspections.		Special Inspections	
						No. of Defects		No. of Defects	
						Requiring Treatment	Requiring to be kept under observation but not requiring treatment	Requiring Treatment	Requiring to be kept under observation but not requiring treatment
Skin	...	{	Ringworm : Scalp ... ..	—	—	3	—		
			Body ... ..	—	—	24	—		
			Scabies ... ..	8	—	270	—		
			Impetigo ... ..	3	—	136	—		
			Other Diseases (Non-Tuberculous)	291	28	1026	41		
Eye	...	{	Blepharitis ... ..	75	2	120	2		
			Conjunctivitis ... ..	2	—	43	—		
			Keratitis ... ..	—	—	—	—		
			Corneal Opacities ... ..	—	—	—	—		
			Other Conditions (excluding Defective Vision and Squint) ... ..	19	3	66	24		
Ear	...	{	Defective Vision (excluding Squint)	269	393	541	668		
			Squint ... ..	69	4	105	146		
			Defective Hearing ... ..	17	2	18	6		
			Otitis Media ... ..	53	—	78	6		
			Other Ear Diseases ... ..	11	2	121	29		
Nose and Throat	...	{	Chronic Tonsilitis only ... ..	29	62	189	1468		
			Adenoids only ... ..	18	9	9	3		
			Chronic Tonsilitis and Adenoids ... ..	355	1585	201	259		
			Other Conditions ... ..	72	4	179	77		
			Enlarged Cervical Glands (Non-Tuberculous) ... ..	141	2094	120	1860		
Heart and Circulation	...	{	Defective Speech ... ..	69	251	14	45		
			Heart Disease : Organic ... ..	1	5	13	6		
			Functional ... ..	66	317	30	74		
			Anaemia ... ..	39	5	16	—		
			Bronchitis ... ..	122	6	43	1		
Lungs	...	{	Other Non-Tuberculous Diseases ... ..	80	89	153	44		
			Pulmonary :	...	...	...	...		
			Definite ... ..	2	—	1	—		
			Suspected ... ..	1	—	—	—		
			Non-Pulmonary :	...	...	...	...		
Tuberculosis	...	{	Glands ... ..	1	—	4	—		
			Bones and Joints ... ..	—	—	10	—		
			Skin ... ..	—	—	—	—		
			Other Forms ... ..	—	—	1	—		
			Other Forms ... ..	—	—	—	—		
Nervous System	...	{	Epilepsy ... ..	—	—	—	—		
			Chorea ... ..	3	1	5	—		
			Other Conditions ... ..	154	1332	196	466		
			Rickets ... ..	—	1	2	1		
			Spinal Curvature ... ..	219	1893	112	1079		
Deformities	...	{	Other Forms... ..	511	1745	1356	1375		
			Other Forms ... ..	...	...	...	...		
			Other Forms ... ..	...	...	...	...		
			Other Forms ... ..	...	...	...	...		
			Other Forms ... ..	...	...	...	...		
Other Defects and Diseases (excluding Defects of Nutrition, Uncleanliness and Dental Diseases) ...						547	507	1509	275
Total Number of Defects ... ..						3247	10340	6714	7955



TABLE III.

BLIND AND DEAF CHILDREN.

	1. At an Ordinary School.	2. At an Institution other than a Special School.	3. At no School or Institution.
Blind children ... ..	—	—	—
Deaf children ... ..	—	—	2

TABLE IV.

Return of Defects treated during the year ended  
31st December, 1945.

## TREATMENT TABLES.

Group I.—Minor Ailments (excluding uncleanness, for which see  
Table VI).

Defect or Disease.  (1)	Number of Defects treated, or under treatment during the year.		
	Under the Authority's Scheme. (2)	Otherwise. (3)	Total. (4)
Skin—			
Ringworm—Scalp—			
(i) X-Ray Treatment ...	3	—	3
(ii) Other ... ..	—	—	—
Ringworm—Body ... ..	24	—	24
Scabies ... ..	270	—	270
Impetigo ... ..	136	—	136
Other Skin Diseases ... ..	936	—	936
Minor Eye Defects ... .. (External and other, but exclud- ing cases falling in Group II.)	122	—	122
Minor Ear Defects ... ..	222	—	222
Miscellaneous ... .. ( <i>e.g.</i> , minor injuries, bruises, sores, chilblains, etc.)	444	—	444
Totals ... ..	2157	—	2157

TABLE IV.—Continued.

Group II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I.).

	No. of Defects dealt with.		
	Under the Authority's Scheme.	Otherwise.	Total.
Errors of Refraction (including squint). (Operations for squint should be recorded separately in the body of the School Medical Officer's Report). ... ..	1036	—	1036
Other defect or disease of the eyes (excluding those recorded in Group I.)	—	—	—
Total ... ..	1036	—	1036
	Under the Authority's Scheme.	Otherwise.	Total.
No. of Children for whom spectacles were—			
(a) Prescribed ... ..	319	—	319
(b) Obtained ... ..	309	—	309

TABLE IV.—Continued.

Group III.—Treatment of Defects of Nose and Throat.

NUMBER OF DEFECTS.					
Received Operative Treatment.				Received other forms of Treat- ment.	Total number treated.
Under the Authority's Scheme, in Clinic or Hospital.					
(i)	(ii)	(iii)	(iv)		
1	4	132	9	499	645

(i) Tonsils only.    (ii) Adenoids only.    (iii) Tonsils and adenoids.  
 (iv) Other defects of the nose and throat.



TABLE V.—Dental Inspection and Treatment.

(1) Number of Children inspected by the Dentist :—

(a) Routine age-groups.

Age	...	5	6	7	8	9	10	11	12	13	14	15	16
Number	...	841	1440	1528	1589	1836	1919	1929	1850	1832	1075	45	2
Total										...	...	...	15886
(b) Specials	...	...	...	...	...	...	...	...	...	...	...	...	2290
(c) Total (Routine and Specials)	...	...	...	...	...	...	...	...	...	...	...	...	18176
(2) Number found to require treatment	...	...	...	...	...	...	...	...	...	...	...	...	9672
(3) Number actually treated	...	...	...	...	...	...	...	...	...	...	...	...	3865
(4) Attendances made by Children for treatment	...	...	...	...	...	...	...	...	...	...	...	...	6297
(5) Half-days devoted to :—													
Inspection	...	...	...	...	...	...	...	...	...	...	...	...	88
Treatment	...	...	...	...	...	...	...	...	...	...	...	...	761
Total										...	...	...	849
(6) Fillings :—													
Permanent Teeth	...	...	...	...	...	...	...	...	...	...	...	...	3324
Temporary Teeth	...	...	...	...	...	...	...	...	...	...	...	...	505
Total										...	...	...	3829
(7) Extractions :—													
Permanent Teeth	...	...	...	...	...	...	...	...	...	...	...	...	789
Temporary Teeth	...	...	...	...	...	...	...	...	...	...	...	...	5174
Total										...	...	...	5963
(8) Administrations of General Anaethetics for Extractions	...	...	...	...	...	...	...	...	...	...	...	...	1639
(9) Other Operations :—													
Permanent Teeth	...	...	...	...	...	...	...	...	...	...	...	...	176
Temporary Teeth	...	...	...	...	...	...	...	...	...	...	...	...	19
Total										...	...	...	195

TABLE VI.—Uncleanliness and Verminous Conditions.

(i)	Average number of visits per School made during the year by the School Nurses	...	...	...	15.2
(ii)	Total number of examinations of Children in the Schools by the School Nurses	...	...	...	75209
(iii)	Number of individual Children found Unclean	...	...	...	1083
(iv)	Number of individual Children cleansed under the Education Act	...	...	...	—
(v)	Number of cases in which Legal Proceedings were taken :—				
	(a) Under the Education Act	...	...	...	—
	(b) Under School Attendance Bye-Lawss	...	...	...	—
	The number of cases of uncleanliness was	...	...	...	1466

The number of individual children cleansed under local authority arrangements was 1125.



